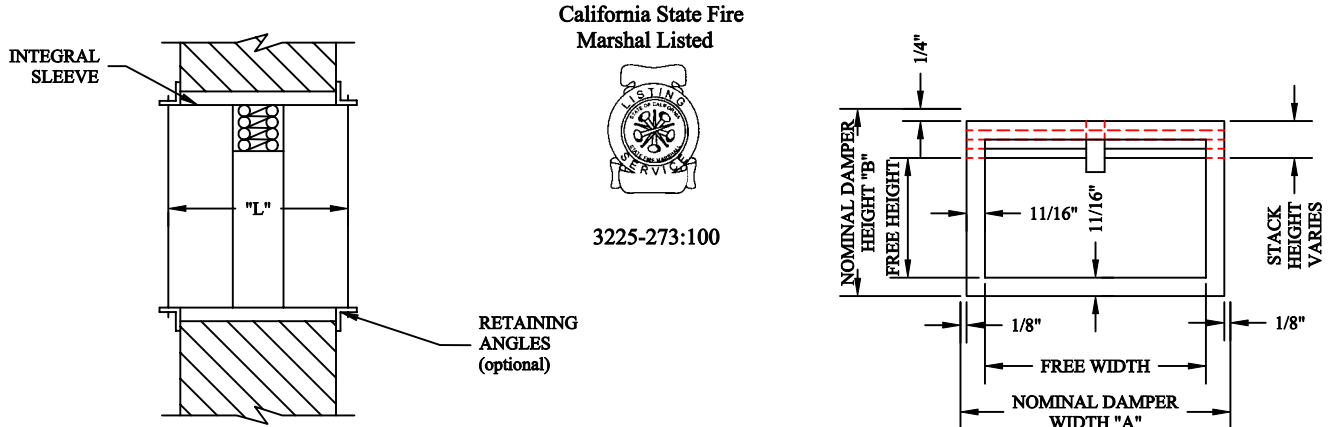


# Model U-255 Fire Damper for Static Systems

## Vertical Mount (Horizontal Air Flow) - Type AX

### Integral Sleeve Fire Damper



## 3 HR. RATED

**Model: U-255**

1. Frame is rollformed 20 ga. galvanized steel.
2. Blades are rollformed 22 ga. galvanized steel.
3. Frame "L" dimension is 12" standard.
4. Wall or floor opening should exceed nominal sleeve dimension by 1/8" for each linear foot of width and height.
5. Fusible Link: 165°F standard, other UL listed links optional.
6. Maximum Size: 52"w x 52"h single section.

**No Sleeve Required**  
When duct thickness is 20 ga. or less,  
and Slip Joints are used, per UL 555.

255-AX

"B" FREE HEIGHT	"B" FREE HEIGHT	"B" FREE HEIGHT	"B" FREE HEIGHT	"B" FREE HEIGHT
6 3.88	16 13.19	26 22.19	36 31.31	46 40.69
8 5.81	18 15.06	28 24.06	38 33.31	48 42.44
10 7.69	20 16.75	30 25.75	40 35.19	50 44.31
12 9.56	22 18.75	32 27.75	42 36.88	52 46.06
14 11.19	24 20.69	34 29.69	44 38.69	

**Notes:**

For proper operation all dampers must be installed square and free from racking. Model U-255-AX is for mounting in a vertical position for horizontal air flow. It is for the protection of penetrations in fire partitions, of fire walls, whether these penetrations are for ductwork or wall openings without ductwork. Unit furnished approximately duct size. Opening must be 1/4" - 1/2" larger than the duct size.

Units are approved for static systems.

This unit is UL Listed for 3 hour fire walls.

The damper meets or exceeds the requirements of NFPA Bulletin 90A, UL standard 555, comply with NFPA Bulletin 80, and meet or exceed California State Fire Marshall's Requirements.

A static system is one in which the fan/system shuts down during a fire alarm.

18 gauge rollformed frame is available at an additional cost.

14"-22" length are available at an additional cost. Consult factory for availability.



Free Width of damper equals "A" - 1.63

JOB: \_\_\_\_\_

LOCATION: \_\_\_\_\_ JOB NO.: \_\_\_\_\_

ENGINEER: \_\_\_\_\_ REPRESENTATIVE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_



Approval: \_\_\_\_\_